

**PULL TO CUSTOMER ORDER DEMAND FULFILLMENT SYSTEM AND  
METHOD**

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**ABSTRACT OF THE DISCLOSURE**

A demand fulfillment system and method that uses customer orders to generate a  
10 work schedule and a material delivery schedule for a factory that mass produces items,  
particularly commodities, built to customer order. The demand fulfillment system enables  
the manufacturer to operate the factory with minimal in-house inventory of parts and/or raw  
materials by only scheduling work for which inventory is available. Parts and/or raw  
materials are requested and delivered to an operation of at least one operation on a  
15 manufacturing line in the factory from in-house and external inventory based upon the work  
scheduled for that operation.

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